UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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EXAMINER
ZICHT, PATRICIA C

ART UNIT	PAPER NUMBER
2164	

DATE MAILED: 12/21/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed
  after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply.is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any
  earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☐ Responsive to communication(s) filed on _____ .

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is
closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-69* is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-69* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☒ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on *06 June 2001* is/are: a)☒ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____ .

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage
application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

DOV POPOVICI
SUPERVISORY PATENT EXAMINER
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Attachment(s)

1)☒ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
    Paper No(s)/Mail Date _____ .

4)☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____ .

5)☐ Notice of Informal Patent Application (PTO-152)

6)☐ Other: _____ .

DETAILED ACTION

Specification

1.   The specification is objected to because the arrangement of the disclosed

application does not conform with 37 CFR 1.77(b).

Section heading appear **boldfaced** and, in some cases, in lowercase format

throughout the disclosed specification. Section headings should not be **boldfaced**

and should not be <u>underlined</u>. Appropriate corrections are required according to the

guidelines provided below:

2.   The following guidelines illustrate the preferred layout for the specification of a

utility application. These guidelines are suggested for the applicant's use.

Arrangement of the Specification

As provided in 37 CFR 1.77(b), the specification of a utility application should
include the following sections in order. Each of the lettered items should appear in
upper case, without underlining or bold type, as a section heading. If no text follows the
section heading, the phrase "Not Applicable" should follow the section heading:

> (a) TITLE OF THE INVENTION.
> (b) CROSS-REFERENCE TO RELATED APPLICATIONS.
> (c) STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR
>   DEVELOPMENT.
> (d) INCORPORATION-BY-REFERENCE OF MATERIAL SUBMITTED ON A
>   COMPACT DISC (See 37 CFR 1.52(e)(5) and MPEP 608.05. Computer
>   program listings (37 CFR 1.96(c)), "Sequence Listings" (37 CFR 1.821(c)),
>   and tables having more than 50 pages of text are permitted to be
>   submitted on compact discs.) or
>   REFERENCE TO A "MICROFICHE APPENDIX" (See MPEP § 608.05(a).
>   "Microfiche Appendices" were accepted by the Office until March 1, 2001.)
> (e) BACKGROUND OF THE INVENTION.
>   (1) Field of the Invention.
>   (2) Description of Related Art including information disclosed under 37
>   CFR 1.97 and 1.98.
> (f) BRIEF SUMMARY OF THE INVENTION.
> (g) BRIEF DESCRIPTION OF THE SEVERAL VIEWS OF THE DRAWING(S).

(h) DETAILED DESCRIPTION OF THE INVENTION.
(i) CLAIM OR CLAIMS (commencing on a separate sheet).
(j) ABSTRACT OF THE DISCLOSURE (commencing on a separate sheet).
(k) SEQUENCE LISTING (See MPEP § 2424 and 37 CFR 1.821-1.825. A
       "Sequence Listing" is required on paper if the application discloses a
       nucleotide or amino acid sequence as defined in 37 CFR 1.821(a) and if
       the required "Sequence Listing" is not submitted as an electronic
       document on compact disc).

Claim Objections

3.   Claims 59-60 are objected to because of the following informalities: in claim 59,

line 2, "specifyied" should be replaced with --specified--.

Claim 60 is objected to because it is a dependent claim of the objected to

dependent claim 59.

Appropriate correction is required.

Claim Rejections - 35 USC § 102

4.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that

form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in
(1) an application for patent, published under section 122(b), by another filed in the United States
before the invention by the applicant for patent or
(2) a patent granted on an application for patent by another filed in the United States before the
invention by the applicant for patent, except that an international application filed under the treaty
defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in
the United States only if the international application designated the United States and was published
under Article 21(2) of such treaty in the English language.

5.   Claims 1-69 are rejected under 35 U.S.C. 102(e) as being anticipated by

Diacakis et al. (U.S. Pub. No. 2002/0116336 A1).

As to claim 1, Diacakis et al. teaches a method in a computer system for providing both directory information and dynamically updated contact information for at least one of a plurality of entities in response to a directory search, the method comprising the steps of:

receiving a query criteria (see figure 4, where "query criteria" is read on "presence information" and "availability information");

executing a search of a directory database utilizing the query criteria to produce a first result (see figure 8, where "first result" is read on "Contacts Program");

invoking a dynamic contact information service utilizing the first result to produce a second result containing dynamic contact information, the dynamic contact information being dynamically updated to indicate current contact information (see figure 8, where "second result" is read on "Contact Properties");

coalescing the first and second results to produce a coalesced result; and

providing the coalesced result (see figure 8).

As to claims 2, 25, and 48, Diacakis et al. teaches the method further comprising the steps of:

executing the search of the directory database utilizing the query criteria to produce the first result which is a null set (see figure 10, references 126 and 128; and see paragraph 66, where "null" is read on "not available"); and

invoking the dynamic contact information service utilizing the query criteria to produce the second result (see figure 10; and see paragraph 66).

As to claims 3, 26 and 49, <u>Diacakis et al.</u> teaches the method, further comprising

the steps of:

establishing the directory database including directory records for a first plurality

of the plurality of entities, the directory records including directory information for

each of the first plurality of the plurality of entities (see figure 8, "Contacts Program");

and

establishing a dynamic contact information service that provides a dynamic-

content record for a second plurality of the plurality of entities, each the dynamic-

content record being dynamically updated to indicate current contact information for

the each of the second plurality of the plurality of entities (see figure 8, "Contact

Properties").

As to claims 4, 27, and 50, <u>Diacakis et al.</u> teaches the method further comprising

the step of specifying filtering preferences for filtering the coalesced result to

produce a filtered result (see figure 7, reference 108).

As to claims 5, 28, and 51, <u>Diacakis et al.</u> teaches the method further comprising

the step of formatting and displaying the filtered result (see figure 8, where

"formatting and displaying the filtered result" is read on "Contact Properties").

As to claims 6, 29, and 52, <u>Diacakis et al.</u> teaches the method further comprising the step of filtering the coalesced result to include within the filtered result only records of a plurality of people whose contact information indicates that the plurality of people are available by a requestor specified means and within a particular period of time (see paragraph 31, where "requestor specified means" is read on "the individual identifies and categorizes"; and see paragraph 40 where "particular period of time" is read on "time of day information and known scheduling/calendar information").

As to claims 7, 30, and 53, <u>Diacakis et al.</u> the method further comprising the step of filtering the coalesced result to include within the filtered result only records of a plurality of people whose contact information indicates that the plurality of people are available to receive a telephone call within a particular period of time (see paragraph 56).

As to claims 8, 31, and 54, <u>Diacakis et al.</u> teaches the method further comprising the step of filtering the coalesced result to include within the filtered result only records of a plurality of people whose contact information indicates that the plurality of people are available for an in-person meeting within a particular period of time (see paragraph 33; and see paragraph 57, where "available for an in-person meeting" is read on "situation" and "situation profile").

As to claims 9, 32, and 55, <u>Diacakis et al.</u> teaches the method further comprising the step of filtering the coalesced result to include within the filtered result only records of a plurality of people whose contact information indicates that the plurality of people are available for communication via instant messaging within a particular period of time (see paragraph 56).

As to claims 10, 33, and 56, <u>Diacakis et al.</u> teaches the method further comprising the step of filtering the coalesced result to include within the filtered result only records of a plurality of people whose contact information indicates that the plurality of people are available for receiving a page within a particular period of time (see paragraph 60).

As to claims 11, 34, and 57, <u>Diacakis et al.</u> teaches the method further comprising the step of filtering the coalesced result to include within the filtered result only records of a plurality of people whose contact information indicates that the plurality of people are available to check an e-mail account for each of the plurality of people within a particular period of time (see figure 8, "E-mail").

As to claims 12, 35, and 58, <u>Diacakis et al.</u> teaches the method further comprising the step of filtering the coalesced result to include within the filtered result only fields specified by a requestor (see paragraph 34).

As to claims 13, 36, and 59, <u>Diacakis et al.</u> teaches the method further comprising the step of specifying sorting preferences for sorting the coalesced result (see figure 8, where "sorting the coalesced result" is read on "Contacts Program").

As to claims 14, 37, and 60, <u>Diacakis et al.</u> teaches the method further comprising the step of sorting the records so that the records are displayed in a particular order (see figure 8, where "records are displayed in a particular order" is read on "Contacts Program").

As to claims 15, 38, and 61, <u>Diacakis et al.</u> teaches the method further comprising the step of including within the coalesced result a telephone number for each of the plurality of people, the telephone number being a telephone number at which the each of the plurality of people can be reached by telephone during a particular period of time (see figure 8; and see paragraph 59).

As to claims 16, 39, and 62, <u>Diacakis et al.</u> teaches the method further comprising the step of including within the coalesced result a physical location for each of the plurality of people, the physical location being a location where the each of the plurality of people can be found during a particular period of time (see figure 4, reference 56).

As to claims 17, 40, and 63, Diacakis et al. teaches the method further comprising the step of including within the coalesced result a pager address for each of the plurality of people, the pager address being a pager address at which the each of the plurality of people can be reached by paging during a particular period of time (see paragraphs 59-60).

As to claims 18, 41, and 64, Diacakis et al. teaches the method further comprising the step of including within the coalesced result an instant message user name for each of the plurality of people, the instant message user name being an instant message user name at which the each of the plurality of people can be reached via an instant message service during a particular period of time (see figure 2 and figure 8; and see paragraph 59).

As to claims 19, 42, and 65, Diacakis et al. teaches the method further comprising the step of including within the coalesced result an e-mail address for each of the plurality of people, the e-mail address being an e-mail address which the each of the plurality of people is expected to check during a particular period of time (see figure 2; and see figure 8).

As to claims 20, 43, and 66, Diacakis et al. teaches the method, further comprising the step of including within the coalesced result an indication of whether the one or more of the plurality of people is currently utilizing a telephone (see

paragraph 43, where "utilizing the phone" is read on "wireless telephone network";

and see paragraph 59).

As to claims 21, 44, and 67, Diacakis et al. teaches the method further

comprising the step of including within the coalesced result an indication of a best

current means for contacting each of the plurality of people (see figure 2, where

"best" is read on "preferred"; and see paragraph 32, where "best" is read on

"indication").

As to claims 22, 45, and 68, Diacakis et al. teaches the method further

comprising the step of including within the coalesced result an indication of an

alternate contact person for each of the plurality of people (see figure 8, where

"alternate contact person" is read on "Cell vmail" and "Home vmail").

As to claims 23, 46, and 69, Diacakis et al. teaches the method further

comprising the step of including within the coalesced result an indication of whether

the one or more of the plurality of people is available in a particular period of time to

be contacted by any means and one or more means for contacting the one or more

of the plurality of people (see figure 8, where an "indication" is read on "contact

properties"; and see paragraph 56, where "indication" is read on "icon").

As to claim 24, <u>Diacakis et al.</u> teaches a computer program product in a computer system for providing both directory information and dynamically updated contact information for at least one of a plurality of entities in response to a directory search (see figure 8, where "directory information" is read on "Contacts program" and "contact information" is read on "Contact properties").

For the remaining steps of this claim, the applicant is directed to remarks and discussions made in claim 1 above.

As to claim 47, <u>Diacakis et al.</u> teaches a computer system for providing both directory information and dynamically updated contact information for at least one of a plurality of entities in response to a directory search, comprising:

the computer system for receiving a query criteria (see figure 4);

the computer system including a CPU executing code (see figure 4; and see paragraph 39, where "CPU" is read on "computer readable medium" and "code" is read on "software code").

For the remaining steps of this claim, the applicant is directed to remarks and discussions made in claim 1 above.

Conclusion

6.   Any inquiries concerning this communication or earlier communications from the examiner should be directed to Patricia C. Zicht, whose telephone number is (571) 272-

5866. The examiner can normally be reached on Mondays-Fridays from 07:00 am to

03:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Dov Popovici, can be reached at (571) 272-4083.

pcz

December 9, 2002

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